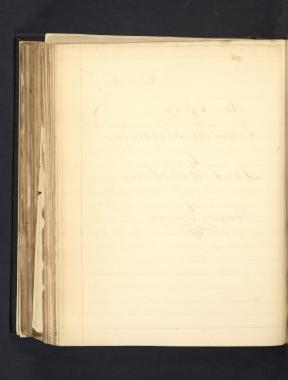
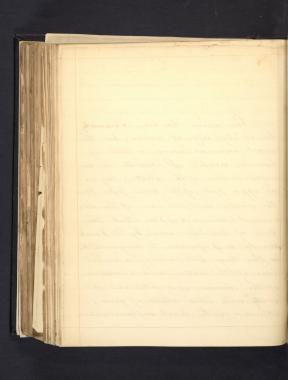
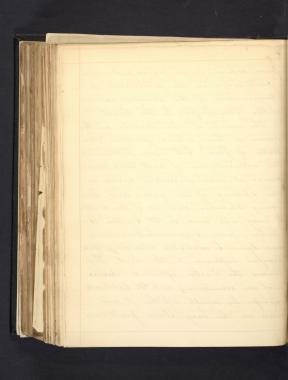
200 auch Passed March 7. 1826 An Efsay Cynanche Trachealis, Lacot Baughman Pennsy Ivania.



This disease has been variously termed by different writers, but, the most common name is that of hives or croup. It consists in an inflammation of the glotter, larguex or upper part of the wind pipe . From The nature and situation of the dis-- ease, I should suppose that the term of Trachitis used by Dr Frank would be preferable to designate it, as this term both conveys a correct idea of the nature and situation of the disease, and establishes its writy with other states of fever, attended with local inflammation

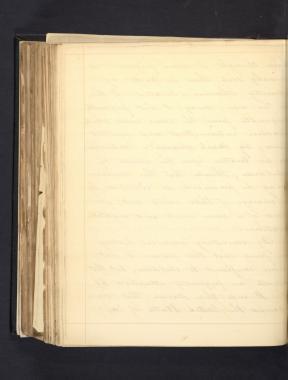


from which it in no respect dif-- fers , except in the particular de-- termination of the morbid action of the bloodvefsels to the throat. The causes of this disease are the same as those which produce other states of fever; but more particularly the alternations of heat and cold. Hence it more frequently occurs in the spring of the year, and du-- ring sudden charges of the weather It may also arise, as Dr bullen ob-- serves, from by nunche Tousillaris and bynanche maligna extending this baniful influence to the throat. This however the Doctor afterwards observes is of rare occurrence; and Dr. Caldwell express his doubts whether it wer arises in This way. Some practitioners

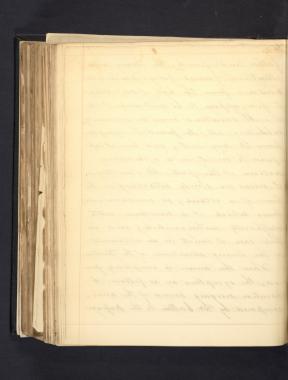


have thought it more frequent in masky soils than in tracts of country ofherwise siturated. If this is the ease, may it not frequently originate from the same causes which foress, big. March miasma? - Underwood, in his treatise upon the disease of children, thinks that this disease of children, they a change of their milk cit, for food of a snow solid and digestible nature.

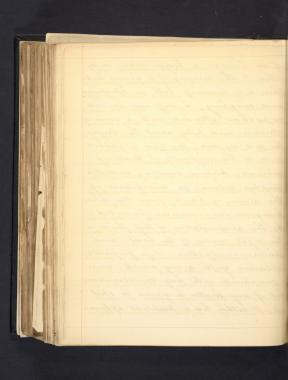
By consulting medical history we find that this disease is not alone confined to children, but that adults are frequently attached by it. It was this disease that de-prived the United States of it



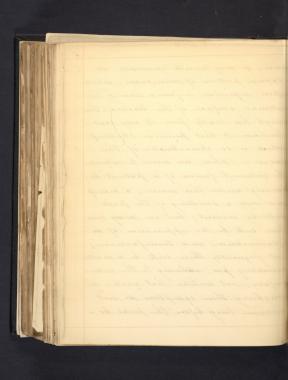
father and friend, the brave and illustrious General George Was hington. Children from the age of one year to five, appear to be most subject to it. It sometimes comes on suddenly, exhibiting all its premier symptoms from its very ouset; and here it ap-- pears to consist in a spasmodic action of the parts. It other times it comes on slowly attacking in the form of a catarih, or common colds from which it is sometimes with difficulty distinguished; and in This case it consists in an inflammation of the living membrane of the tracker. When this disease is completely form-- ed, the symptoms are as follow. A peculiar singing sound of the voice, compared by Dr. bullen to the papage



of ain through a brazen tube, on by others to the crowing of a young week. There is a housemp both in speaking and coughing, a difficult sonorous respiration attended with a sense of Stricture and pain about the larynx; the eyes are red, the face is flushed, and as the difficulty of breathing increases, becomes swelled, and of a purp lish evlour, in consequence of The return of blood from the head being in some measure prevented, by the accumulation of that fluid in the right cavities of the heart, and pulmonary system; it is frequently attended with a dry eough, unac-- companied with any expectoration; but if any matter be ejected or spit up, it either has a purelent appear-

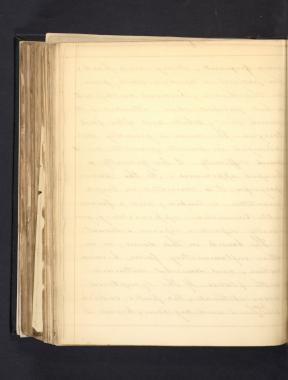


ance, or very much resembles de-- tached portions of membrane, which whom dispection is found living the internal surface of the tracker. This cough has mostly from its very commencement that peculiar shrillness which is so characteristic of this disease .- When we come to examine the internal facces of a patient labouring under this disease, a rednep and even a swelling of the parts will be wident; but in many cases There will be no appearance of inflammation and tumefaction, but frequently there will be a matter resembling pus, adhering to the internal surface, not unlike that ejected by coughing. These symptoms do not continue long before the pulse be -



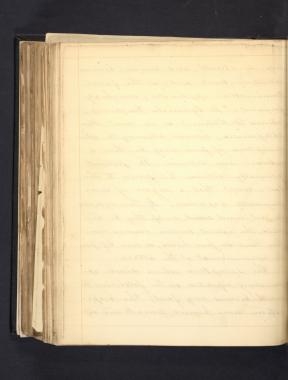
. comes frequent, strong and hard, the patient is troubted with pain in the head; becomes nestless with a hot parched shin, attended with much thirst, white and often foul torique. The wrine is generally dis-- charged in small quantities and with much difficulty, it has generally a limpid appearance. As the disease progreps it is evacuated in large quantities, is turbid; and a favour. - able termination approaching, generally deposits a copious sediment.

The boweld in this disease, as in other inflammatory fevers, become costive, and somewhat distended with flater of the symptoms prove obtinate, the fulse, which was hard and vigerous, begins to



lose its strenth and tension, becomes extrismely weak and, as the fatal termination upproaches, remarkably frequent. " In Cynanihe Frachealis, (observes Dr Wilson) as in most other phleg masice, however alaming the other symptoms of fever may be, there is seldon any delenium. The patient generally retains his senses to the last, except that a degree of come frequently supervenes" If the symptoms do not remit sesseit, unless they be very mila, the patient seldom survives more than three or four hours, or even left, from the communement of the attack.

The symptom which denote approaching dipoletin on the following the mouth becomes very foul; the respivation more huried, small and dif-



- ficult; the restlepulp and dejection increase; and under these circumstances that species of delerium, which is most meanly allied to coma, sometimes supervenes, the patient seeming stupies & frequently muttering to himself with marks of great impatience. The pulse in such eases is often mar two hun-- and , tremulous and irregular; at lenth it can hardly be felt, the ex -- tremities become cold, and the patient som expires. The patient sometimes falls into convulsions, which of ten prove the immediate foreruners of

The symptoms which mark a favourable termination of this complaint, are sportaneous sevents, a vomiting and diarrhaa, a discharge mer of fine . The parent sometimes

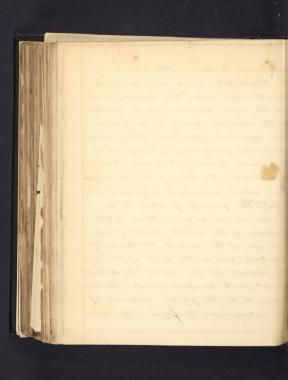
of phlegan from the wore, and a copie ous deciment from the wine. Emptions of little was beto the have been considered as a favour able symptom. When the whole, if the pulse becomes lep prejunit, fuller and more steady; the breathing lep difficult and more steady; the breathing lep difficult and more angular; the peculiar ringing sound of the voice and cough diminishing, and the arrively and oppreprior of the patient disappearing, the progress is favourable.

yet an abatement of the symptoms are often delivine, for not unforquety after the most flattering prospects, the hope of the physician are at one bluted, by the symptoms returning with all their former violence; and unlip specify arrested, they terminate in

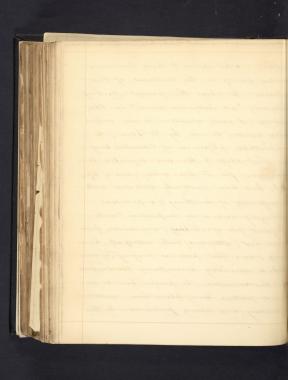
the death of the patient. Difections (according to Do Hush) exhibit the following appearances in the trachea. s St. A slight degree of inflammation. 2. A thick matter resembling mucus. B. A munbrane Similar to that which succeeds inflammation in the pleura and bowels, formed from The eoaquelating by mph of the blood. 4th. In some eases the tracked exhibits no marks of disease of any hind. After having thus given a consise view of the nature and history of this disease, I will next proceed, only to mention those remedies which have been found most successful in the treatment of it. First, benesection. This is extremely well

his much should will and him

calculated to reduce the action of the blooduefels, which is so constantly an attendant upon this disease, and at the same time renders the operation of the medicines which are to follow more safe and efficacious. When blood is drawn in a sufficient quantity, so as to produce sympoe, it relaxes that spas modic stricture of the wind pipe from which immediate suffocation is so often The quantity of blood to be drawn should be proportioned to the violence of the disease, habit of body, and age of the patient. It Bailie of New york was in the habit of bleeding his patients in this disease "ad deliquim animi", with complete success. The same appears to be the practice of several of the distinguished profesors of this Uni-

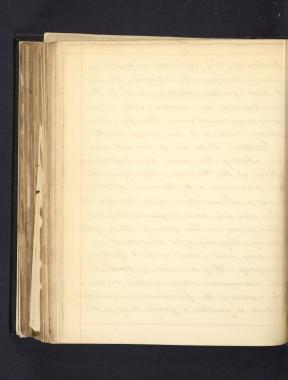


versity, who appear to have had univalled success in the treatment of this disease. To show the prompt effects of bleeding "ad deliquium animi" in this disease, I will mention a case which was related to me by Dr Dean (a respectable physician of Chambers bury in this state.) He was requested to prescribe for a lace seven years of age, who had been suddenly attached with a difficulty of breathing, a peculiar wherzing sound in inspiration, with frequent fits of choking; considerable fever and heat, attended with restlepness, house-- nep, and that peculiar ringing not voice which invariably accompanies this complied. In this condition, he placed him in an erect posture and bleed him until fainting was nearly produced. By this

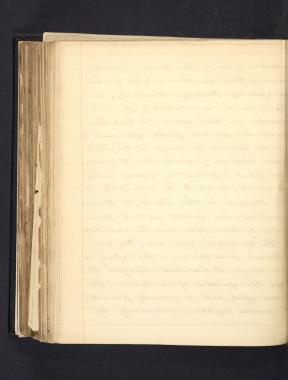


treatment, the difficulty of breathing was instancanions by relieved, the heat of fever greatly abated, and by the apistance of an emitic, with some pungative medicines, the boy was shootly restored to his usual heath.

in abating the pain and inflammation of the tracker, they effect this by producing a resultion of action, and a determination of excitement to the stomach and surface of the body. When given in the forming stage of the disease, they very often strangle it, in its very ouset, and arest it further progress. They are also of great in the sacroance stage of this disease, by expelling the protunatural membrane which is sometimes found living the



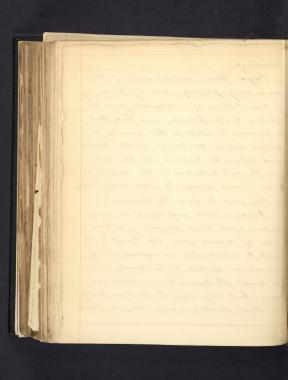
inner surface of the tracken, which, during their operation is of ten ejected or shit up. Tartarized antimony, on Spreacuanta are considered the best emetics in this disease; The boxes hive symp has also been found efficacious to excite putting in croup. Do Chapman states that we frequently have to encoun-- ten great difficulty in getting emetics to operate, owing to the insensibility of the stomach in this disease, to theirim-- prepion; here emeties are to be prece-- and by venescition and the warm both. The worm - bath . I mut relief has been obtained from the use of this remedy in this disease; it has been employed to aid the operation of an emitic. Its good effects will be generally promoted by previous depletion, particularly by



bleeding.

Perfect. These, independent of their wave atting property, act by producing a translation of excitement from the tracked to the bowels, and have thus a tendency to establish that equality of action which constitutes health; lateral and Salaps, or balonel and Rheubard are the best eatherties in this complaint, and should always be given after emedicing they fail to open the bowels.

Blister. Their good effect in croup ocepure upon their producing a tians - fer of disease from the throat to the part to which they are applied. They should be applied to the throat, such or breatt. Rulefacient are Sometimes used, but they seem to be more feeled in their operation, and therefore should in their operation, and therefore should



not superican blisters in this formidable disease

Calomel. Do Rush recommends this in large quantities. He retates a case in which of Physick gave 30 grains of calonel to an infant Three months old in the course of twenty four hours, In Gamilton was in the habit of admin -- istering 100 grains to young children; and I find that Do bartioright of Mig-- sifippi gave to a child four years old affected with croup, three grains of Fart: Emet: combined with a 100 grains of calonel at a close, and at the expi-- ration of twelve hours he gave a 100 grains of calound more, with compute success. This would appear rash in the extreme, if we were not aware (as I before mentioned) of the insensibility of

- Supilppi gave to a child four years old

the stomach in croup, to the improfin of all medicines; however to be hapman does not think it safe to necommend this practice. The officery of murery in the case of this disease seems to arise, from its creating a new disease, entirely different from the old one, already existing in the system.

It will appear wident from what I have saice on the treatment of this disease, that I have only mentioned those remedies which are most success fully employed in the early stage of it; the subsequent treatment consist in experiments, among which It boxe's him symp stands preminent, likewise the Boyga-la Senika has been highly secon-

I this disease, that I have only early stage of it of the subsiquent

- mended by Dr Ancher of Mary land, who thought it adapted to every form and stage of this disease . Sometimes prescribing it as an emetic, and under other circumstances as an expection ant . Do baldwell says " that in protracted cases, where the debil-- ity was great, and vomiting there-- fore being inadmissible, he has used a strong decoction of the seneka with much success". But the most correct opinion with respect to the employ-- ment of this venery appear to be, that its use should be restricted to the ultimate stages of the disease, and as an expectionant.

Having now finished what I have to say on the history and heatment of the disease, I will just make a con-

mont of this veningy appear to be

- cluding remark, upon an erronious opinion which appears to be prevalant with respect to the treatment of diseases in children. It is supposed by some practitioners that children are not able to bear very powerful remedies; but daily experience convinces us that They display uncommon tenacity of life, often living under circumstan--ces that would destroy adults - They stand The operation of Emities, Purge, Blisters, Energa and even benesection better; and futher, they notoriously recover from wounds and surgical operations much better than adults.

